9. CEMENTING & SETTING DEPTH:

20"	Conductor	Set 40' of 20" conductor pipe cement to surface with Redi-mix
8 5/8"	Surface	Set 500' of 8 5/8" 24# J-55 ST&C casing. Cement with 500 Sx. of Class "C" cement + additives, circulate cement to surface.
5½"	Production	Set 4200' of 5½" 15.5# J-55 ST&C casing. Cement with 750 Sx. of Class "C" cement. 500 Sx. of Halco Light + additives and tail in with 250 Sx. of Class "C" + additives, circulate cement to surface.

10. PRESSURE CONTROL EQUIPMENT: Exhibit "E". A Series 900 3000 PSI working pressure B.O.P. consting of a double ram type preventor with a bag type annular preventor. The B.O.P. unit will be hydraulically operated. Exhibit "E-1". Choke manifold and closing unit. The B.O.P. will be nipped up on 8 5/8" casing and will be operated at least once each 24 hour period while drilling and blind rams will be operated when out of hole on trips. Full opening stabbing valve and upper kelly cock will be utilized. No abnormal pressure or temperature is expected while drilling.

11. PROPOSED MUD CIRCULATING SYSTEM:

Depth	Mud Wt.	Visc.	Fluid Loss	Type Mud System
40-500'	8.6-8.8	30-36	NC	Fresh water Spud mud add paper to control seepage.
500-4200'	10.2-10.7	30-40	NC	Brine water add Salt water Gel to increase viscosity in order to clean hole, add paper to control seepage. If water loss control is is needed add starch.

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, or unexpected kicks. In order to run DST's, open hole logs, and casing the viscosity and/or water loss may have to be adjusted to meet these needs.